

Fig. 1 is a detailed cross-sectional view of a mechanical assembly, likely a pump or valve. The diagram shows a central shaft (1) with a central valve (16) and two side valves (15, 17). The shaft is supported by bearings (18a, 18b) and a housing (1). Various components are labeled with numbers: 1, 2, 3, 4, 5, 6, 7a, 7b, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 18a, 18b, 19, 20, 21. Arrows indicate flow paths: A (inlet), B (outlet), C (inlet), and D (outlet). Angles α and β are indicated.

FIG. 2

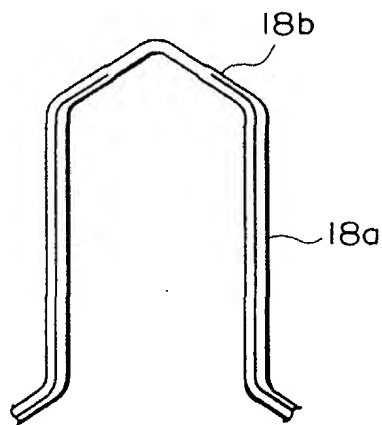
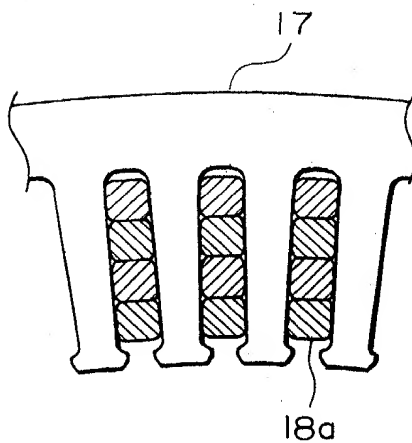


FIG. 3



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FIG. 4

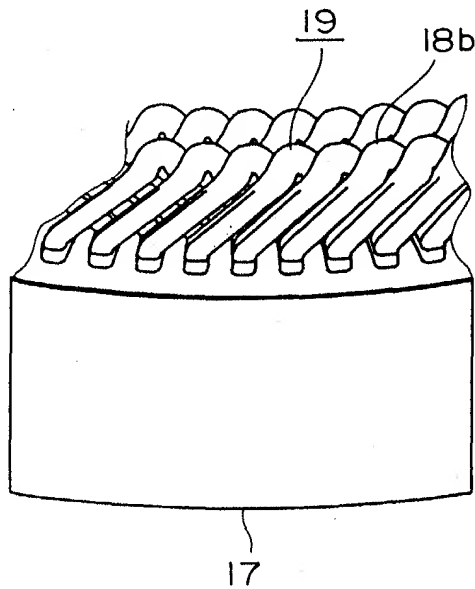
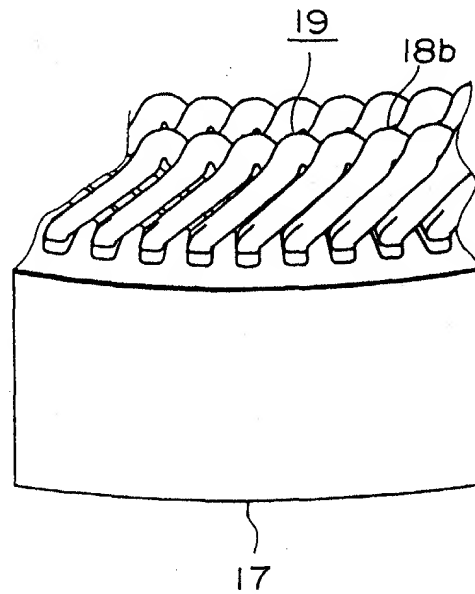
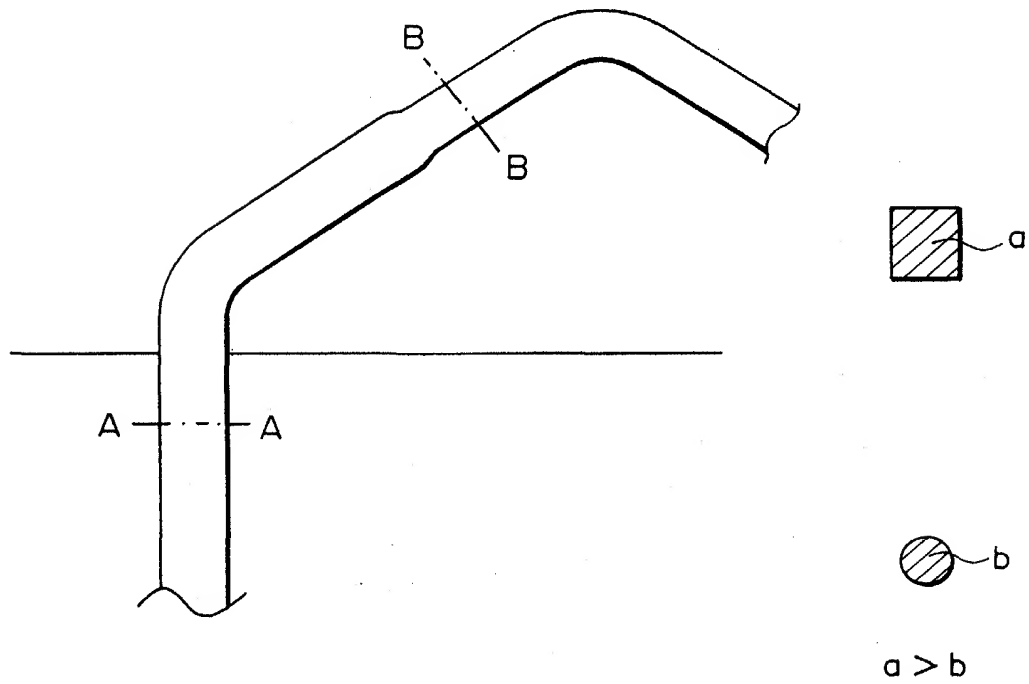


FIG. 5



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FIG. 6



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FIG. 7

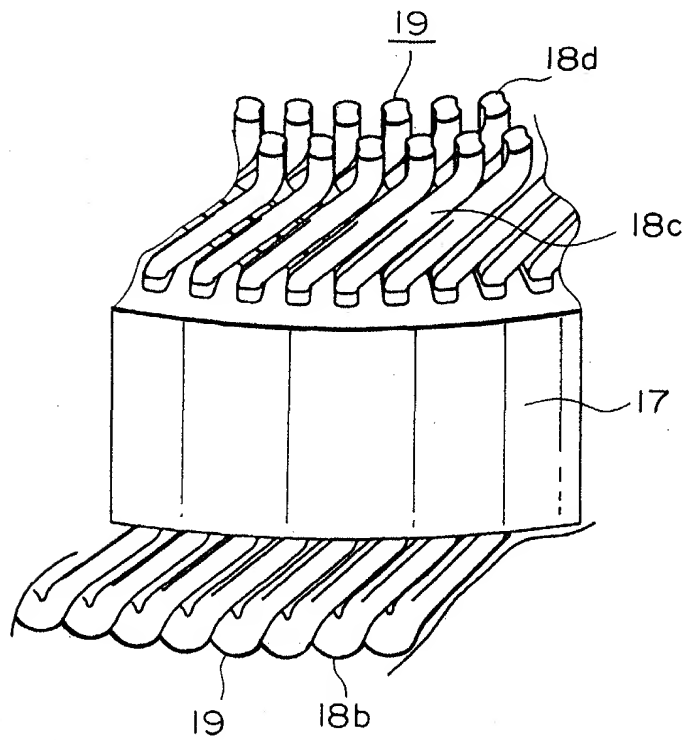


FIG. 8

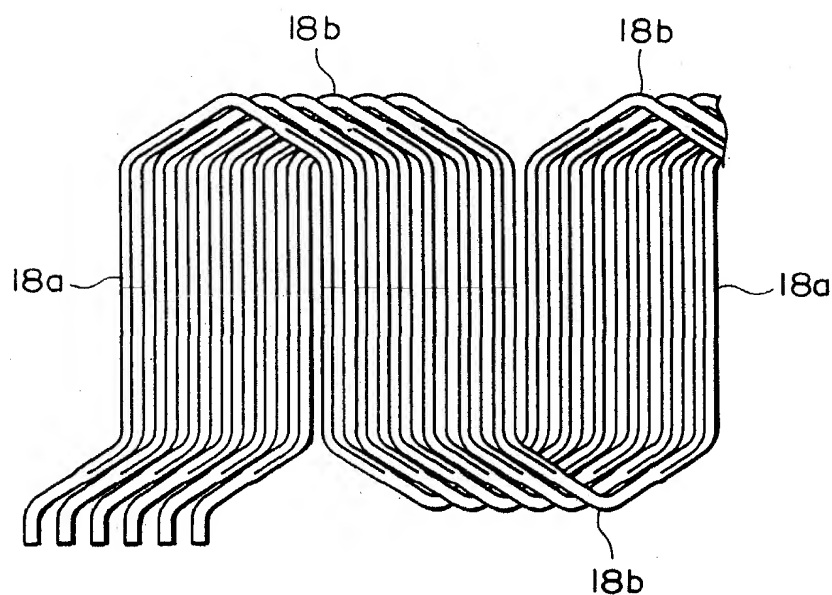


FIG. 9

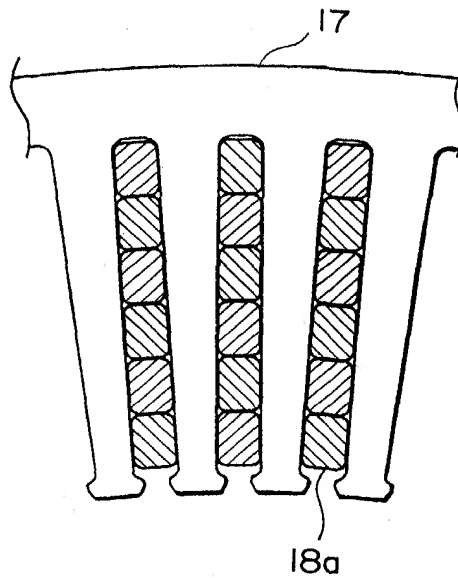
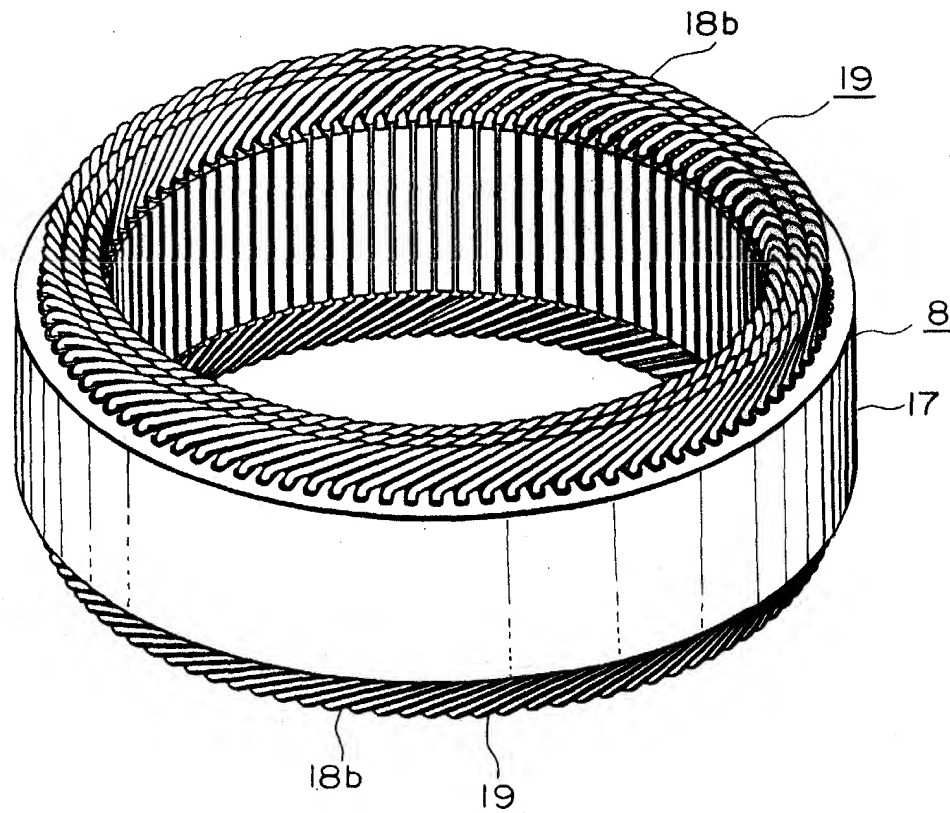
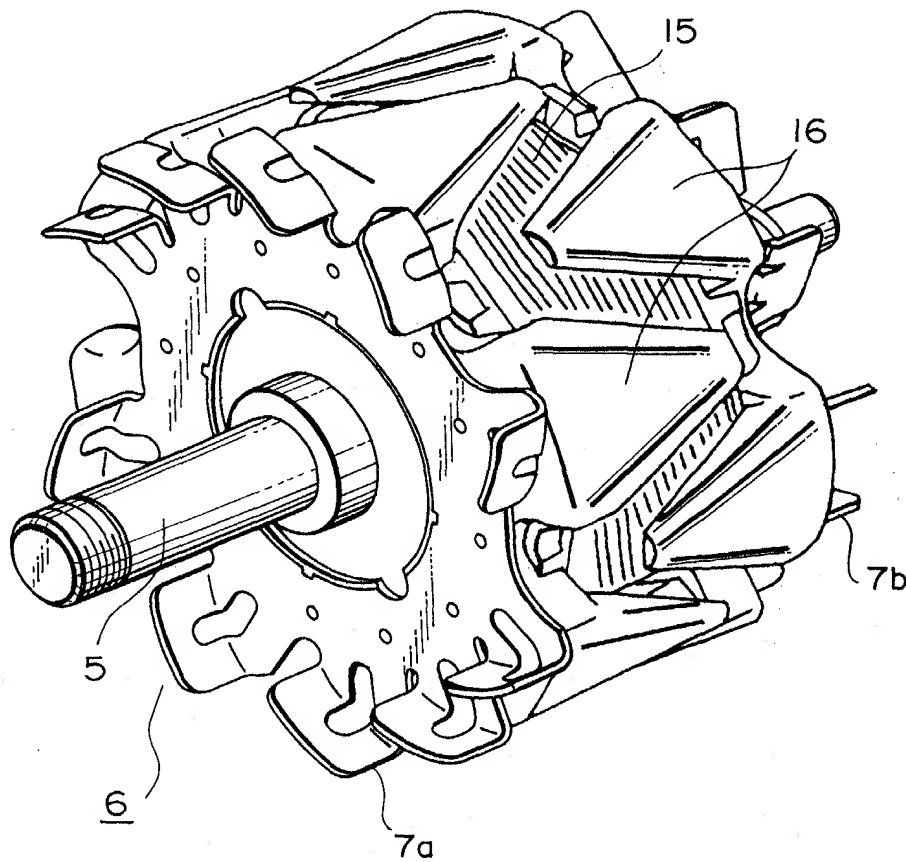


FIG. 10



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FIG. 11



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FIG. 13

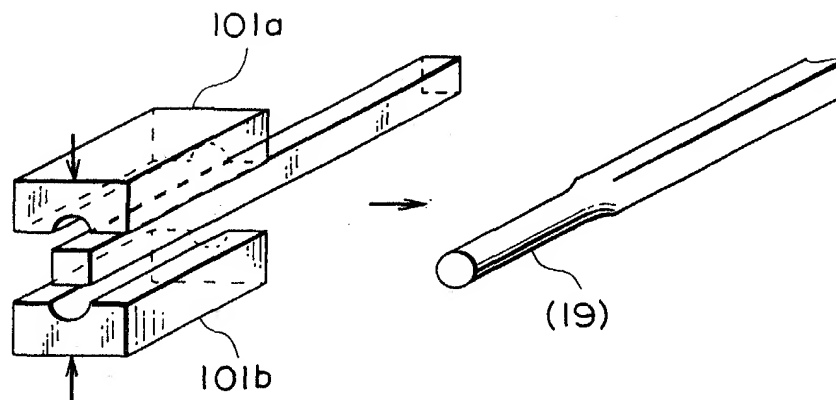
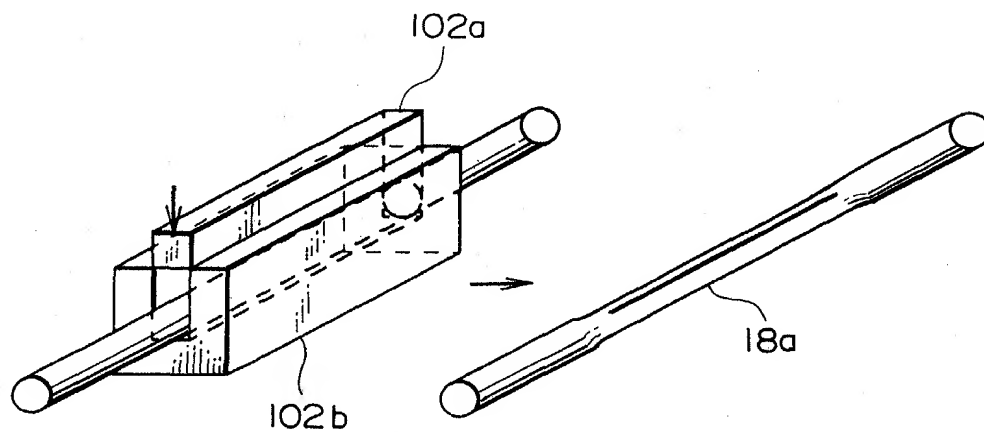


FIG. 14



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FIG. 15

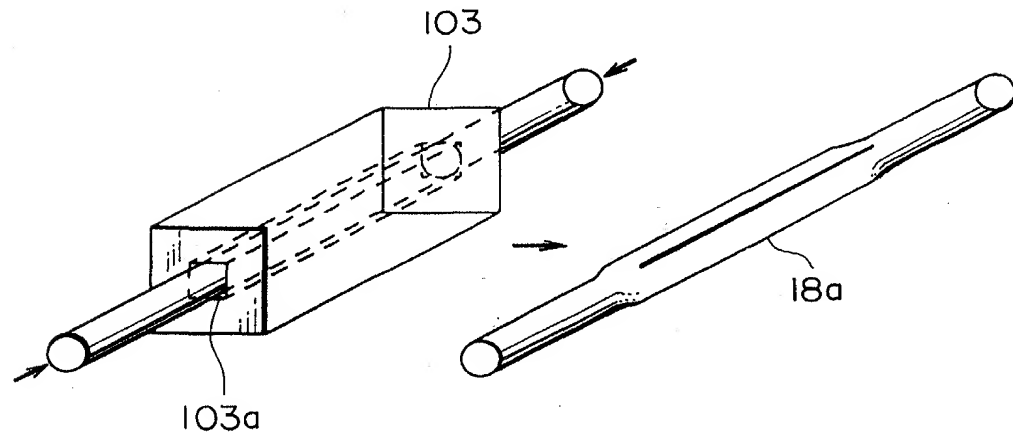
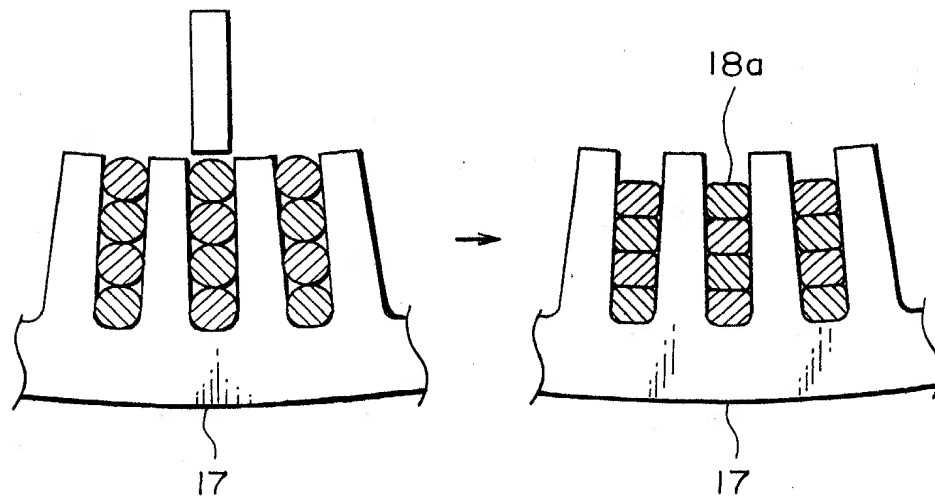


FIG. 16



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FIG. 17

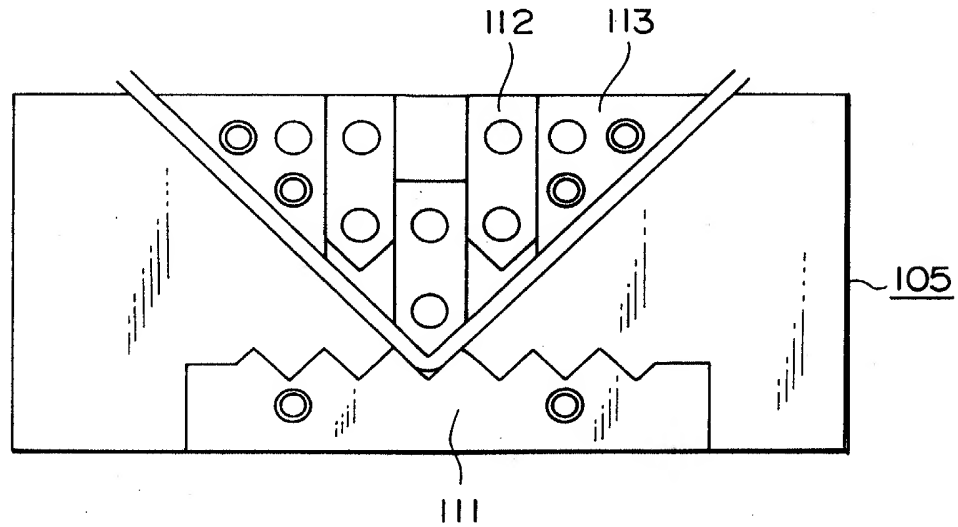
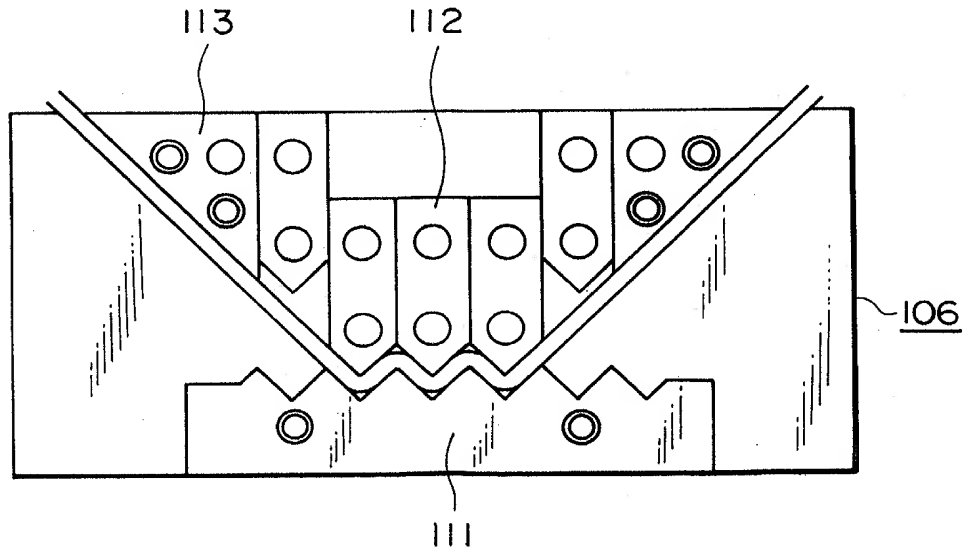


FIG. 18



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FIG. 19

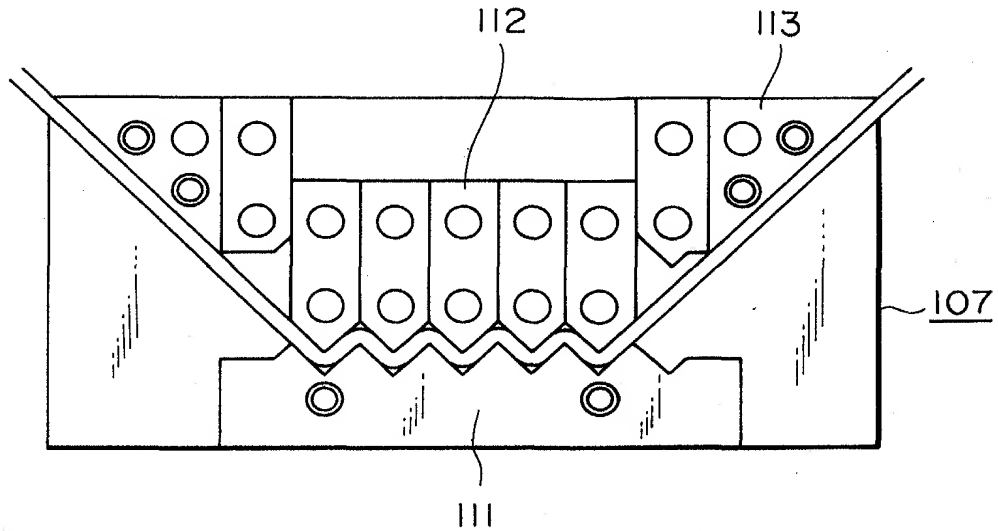
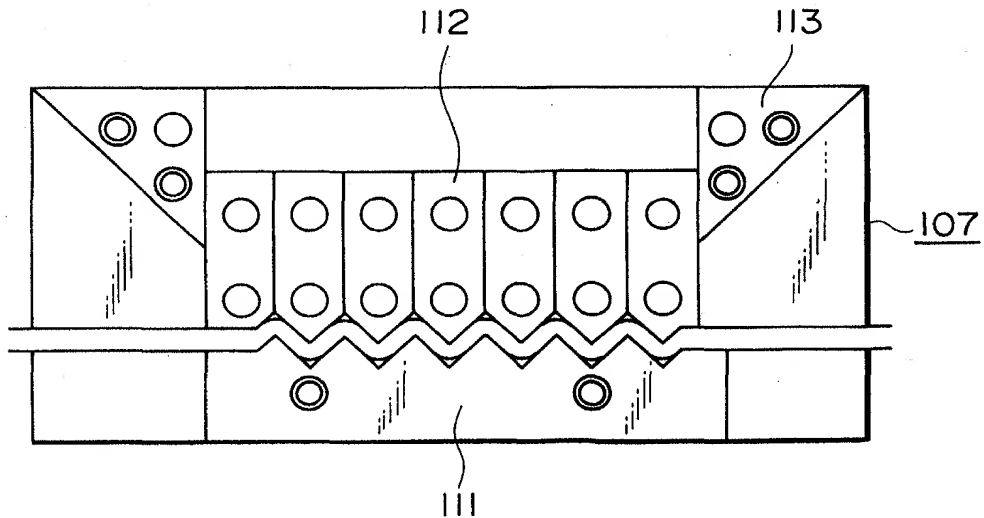


FIG. 20



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FIG. 21

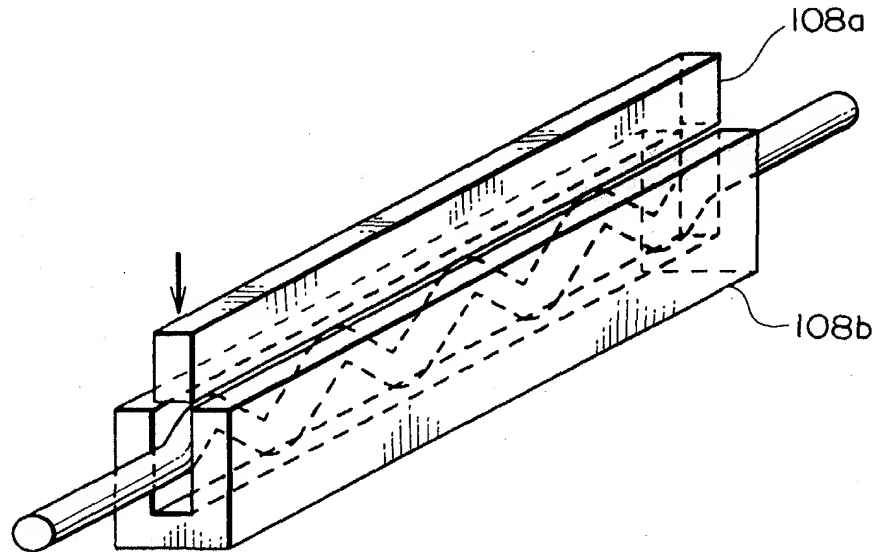
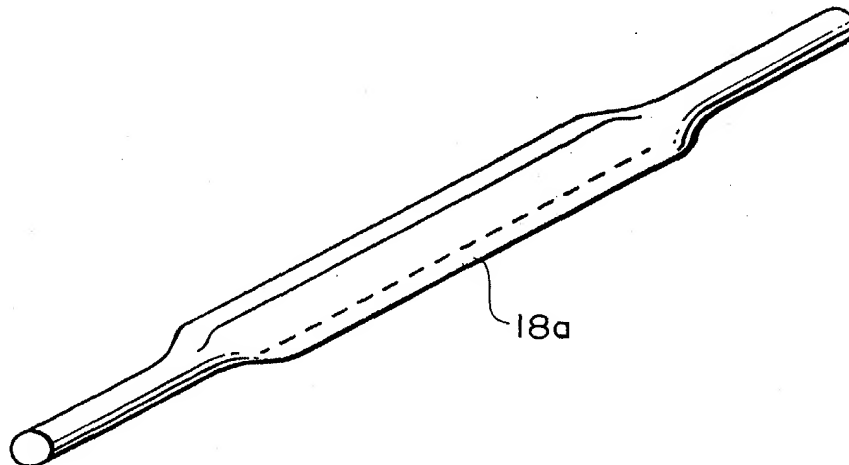
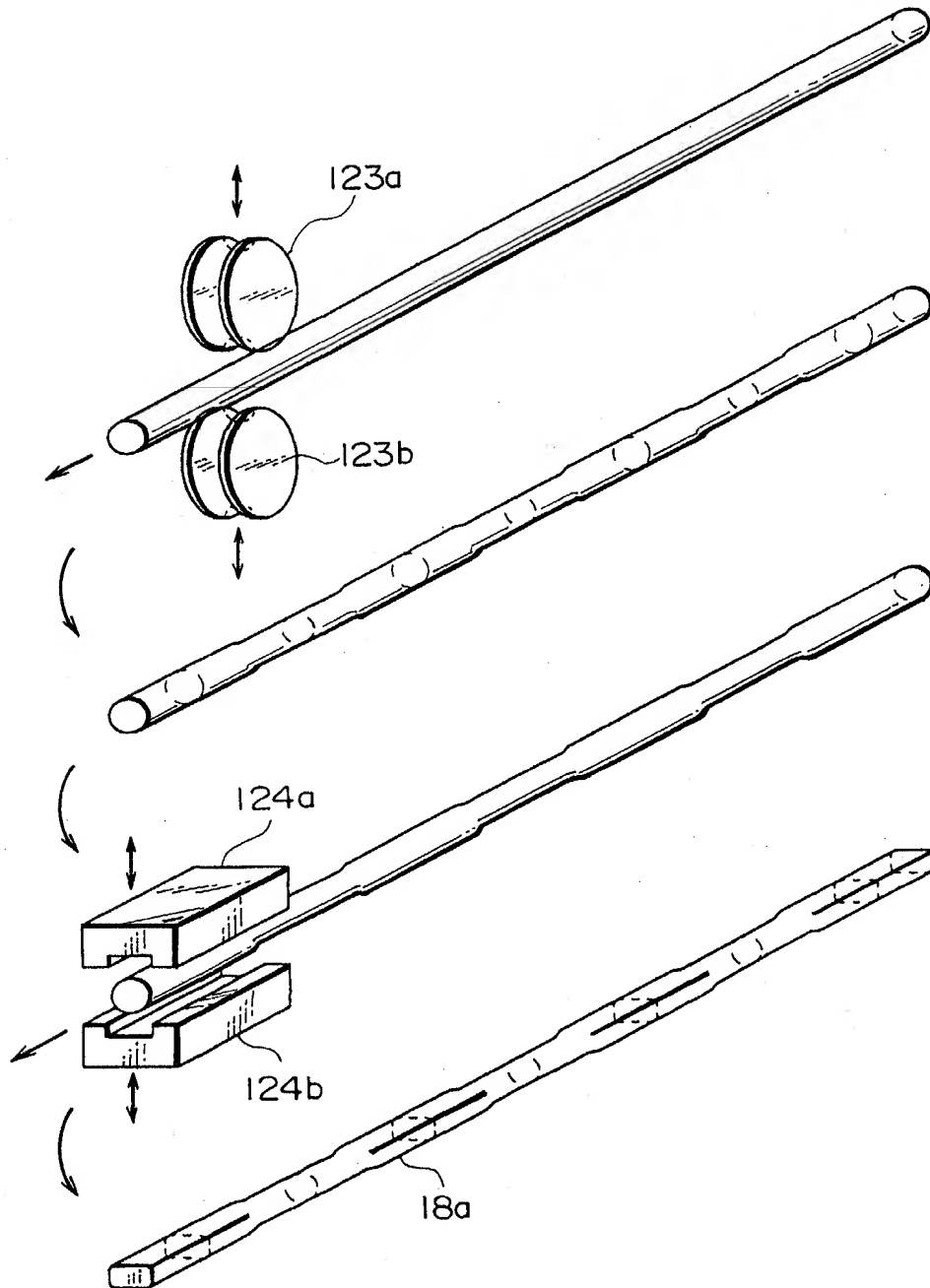


FIG. 22



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FIG. 21

FIG. 24



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FIG. 25

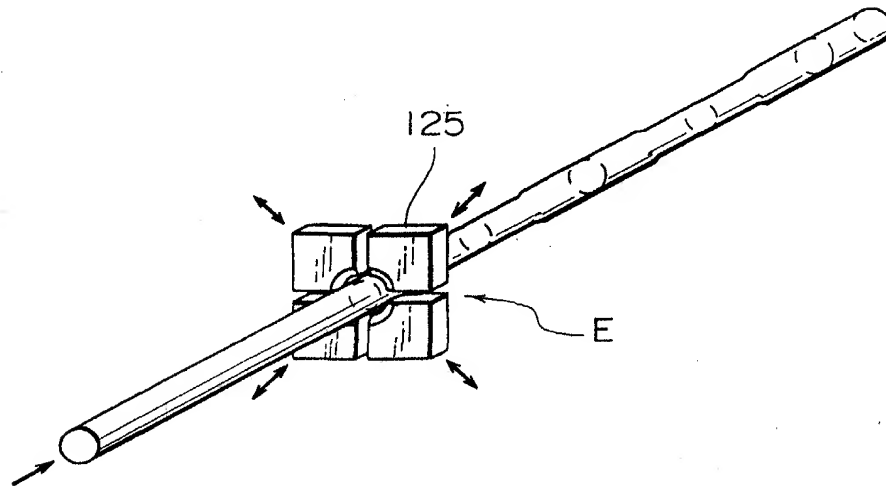
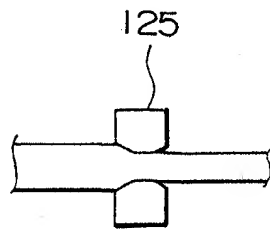


FIG. 26



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FIG. 27

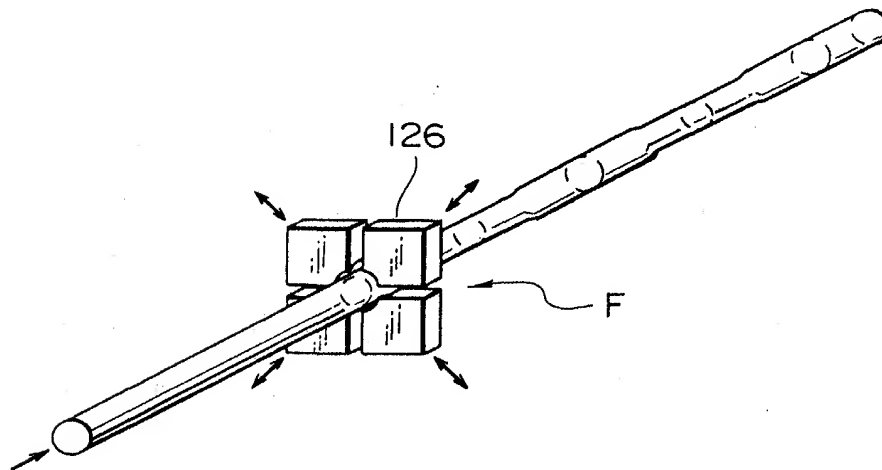
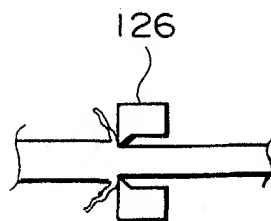


FIG. 28



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FIG. 29
PRIOR ART

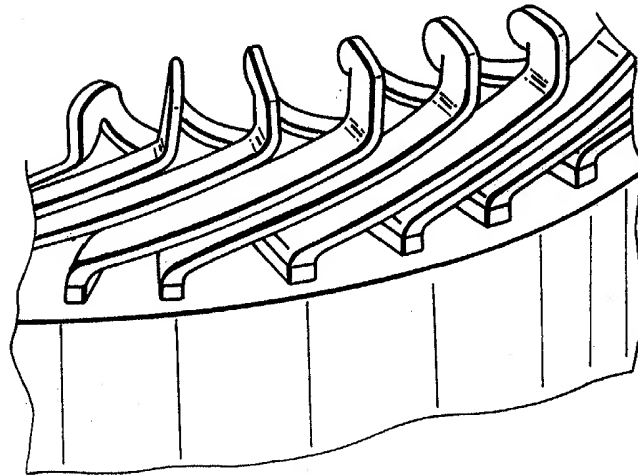
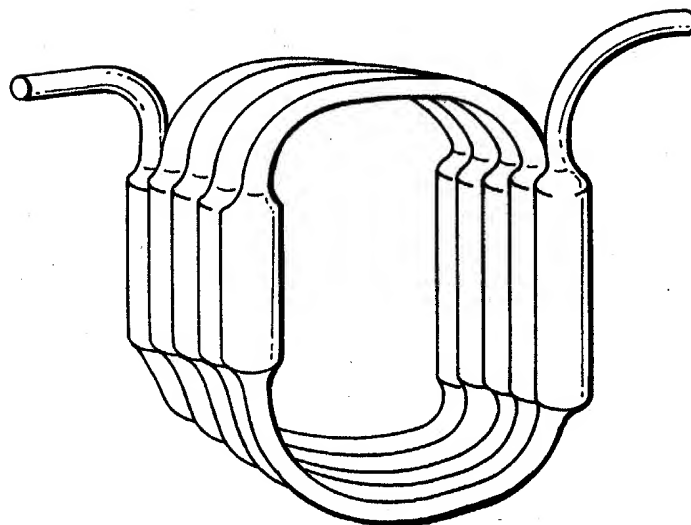


FIG. 30
PRIOR ART



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FIG. 29